

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (Cancelled)

15. (Currently Amended) A process for preparing a radioactive stent comprising reacting a radioactive isotope with ~~a non-radioactive and non-pharmacophor-containing adhesive~~ an adhesive that is a peptide, a fat or gold, said gold used in combination with a thiol-group-containing complexing agent, at 0-100°C, followed by coating the stent with the radiolabeled adhesive at 0°C-100°C.

16. (Currently Amended) A process for preparing a radioactive stent comprising coating a non-radioactive stent with ~~a non-radioactive and non-pharmacophor-containing adhesive~~ an adhesive that is a peptide, a fat or gold, said gold used in combination with a thiol-group-containing complexing agent at 0°C-100°C, followed by coating the stent with a radioactive isotope by placing the stent at 0-100°C into a solution of the radioactive isotope.

17-27. (Cancelled)

28. (Previously Presented) A process according to claim 15, wherein the radioactive isotope is one or more of Ag, Au, Ba, Bi, C, Co, Cr, Cu, Fe, Gd, Hg, Ho, In, Ir, Lu, Mn, Ni, P, Pb, Pd, Pm, Pt, Re, Rh, Ru, S, Sb, Sc, Sm, Tb, Tc or Y.

29. (Currently Amended) A process according to claim 15, wherein the adhesive is a peptide, or a fat ~~or gold~~.

30. (Currently Amended) A process according to claim 15, wherein the adhesive is ~~peptide, a fat or gold~~ in combination with a thiol-group-containing complexing agent.

31. (Currently Amended) A process according to claim 15, wherein the adhesive is a

complexing peptide, or a complexing fat ~~or gold in combination with a thiol group containing complexing agent.~~

32. (Previously Presented) A process according to claim 16, wherein the radioactive isotope is one or more of Ag, Au, Ba, Bi, C, Co, Cr, Cu, Fe, Gd, Hg, Ho, In, Ir, Lu, Mn, Ni, P, Pb, Pd, Pm, Pt, Re, Rh, Ru, S, Sb, Sc, Sm, Tb, Tc or Y.

33. (Currently Amended) A process according to claim 16, wherein the adhesive is a peptide, or a fat ~~or gold.~~

34. (Currently Amended) A process according to claim 16, wherein the adhesive is peptide, ~~a fat or gold in combination with a thiol-group-containing complexing agent.~~

35. (Currently Amended) A process according to claim 16, wherein the adhesive is a complexing peptide, or a complexing fat ~~or gold in combination with a thiol group containing complexing agent.~~

36-45. (Cancelled)